

# PATENT ABSTRACTS OF JAPAN

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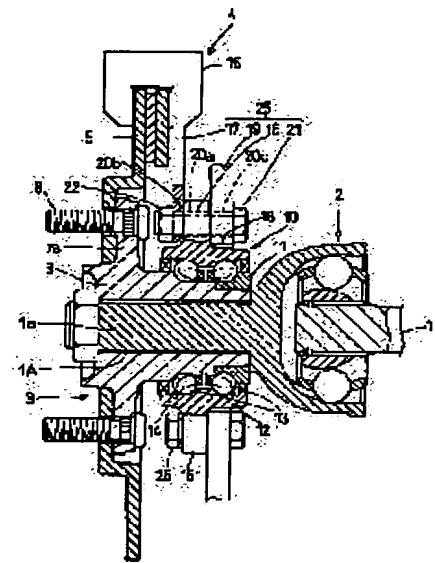
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## (54) WHEEL SUPPORT STRUCTURE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To solve the problem of causing increase in man-hours for manufacturing work and man-hours for assembling work to a vehicle body because of the use of many bolts and machining many threaded holes, since a rolling bearing and a brake caliper are respectively fixed to a knuckle by a bearing side fastening bolt and a caliper side fastening bolt different from the bearing side fastening bolt.

**SOLUTION:** Man-hours for manufacturing work and man-hours for assembling work to the vehicle body are reduced by reducing the number of bolts in use and the number of threaded holes to be machined, with the use of mounting structure 25 composed of a mounting flange 16 of the double row rolling bearing 10; an extension mounting part 17 extending from the brake caliper 15 so as to overlap the mounting flange 16; the knuckle 19 disposed to overlap the mounting flange 16; and a common fastening bolt 21 inserted through fastening holes 20a, 20b, 20c formed in the overlapping parts of the mounting flange 16, extension mounting part 17 and the knuckle 19.



1 軸心シャフト	2 軸心シャフト	3 軸心シャフト	4 軸心シャフト	5 軸心シャフト	6 軸心シャフト	7 軸心シャフト	8 軸心シャフト	9 軸心シャフト	10 軸心シャフト	11 軸心シャフト	12 軸心シャフト	13 軸心シャフト	14 軸心シャフト	15 軸心シャフト	16 軸心シャフト	17 軸心シャフト	18 軸心シャフト	19 軸心シャフト	20 軸心シャフト	21 軸心シャフト	22 軸心シャフト
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## LEGAL STATUS

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